

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

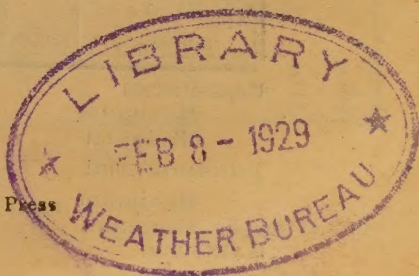
LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

SEPTEMBER, 1928

J. A. BROWN, DIRECTOR

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SEPTEMBER 1928

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sun- shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	755.9	755.6	757.2	756.2	31.9	24.6		10.7	
2	8.4	8.1	8.8	8.4	31.7	24.6		11.2	
3	8.6	7.2	7.5	7.8	31.6	24.6		10.6	
4	8.0	7.0	7.3	7.4	31.3	22.3		11.4	
5	7.0	5.9	6.8	6.6	31.5	25.2		11.2	
6	756.2	756.0	756.3	756.2	32.0	24.4		11.2	
7	7.2	8.0	8.8	8.0	31.9	23.8		10.6	
8	9.5	9.1	9.4	9.3	31.9	23.3		11.4	
9	9.5	8.1	8.0	8.5	30.4	23.1		11.3	
10	7.8	6.7	6.9	7.1	30.9	23.4		11.2	
11	756.8	756.2	757.3	756.8	31.3	24.1		10.8	
12	8.8	8.8	9.6	9.1	30.8	23.9		10.9	
13	760.4	760.1	760.6	760.4	31.0	23.7		9.8	
14	0.3	0.0	0.0	0.1	30.5	23.2		10.8	
15	759.9	759.5	0.5	0.0	30.6	23.2		5.2	
16	759.0	758.2	759.1	758.8	29.3	22.8		9.5	
17	9.9	8.8	9.0	9.2	29.9	22.1		11.4	
18	760.0	9.1	9.0	9.4	30.2	22.8		10.8	
19	759.0	7.9	8.1	8.3	30.6	23.4		11.2	
20	8.5	7.8	760.0	8.8	31.0	23.9		10.5	
21	758.2	757.3	757.9	757.8	31.1	23.4		10.9	
22	7.7	7.1	8.0	7.6	30.7	23.6		10.8	
23	9.3	8.7	9.7	9.2	30.4	23.0		10.8	
24	760.6	9.7	761.0	760.4	29.9	22.6		10.8	
25	2.1	761.2	1.7	1.7	30.3	22.5		10.4	
26	761.3	760.1	760.7	760.7	30.4	22.8		10.2	
27	0.4	759.7	759.1	759.7	30.6	23.3		10.0	
28	0.6	9.3	9.8	9.9	31.3	25.6		10.4	
29	0.1	9.0	9.6	9.6	30.4	23.4		10.5	
30	759.6	9.1	9.1	9.3	30.3	23.4		10.0	
31	759.02	758.31	758.89	758.74	30.86	23.53		10.55	

BAROMETER

Maximum

762.1 on 25th

Minimum

755.9 on 1st

THERMOMETER

Maximum

32.0 on 6th

Minimum

22.1 on 17th

RAINFALL

Maximum

0 on 0

Number of days with rain 0, fog 0, thunderstorms 0, gale 0

SEPTEMBER 1928

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	29.3	30.9	27.3	29.2	23.9	24.6	23.7	18.5	17.9	18.9	18.3	59	54	71	61
2	29.4	31.3	26.6	29.1	23.8	25.4	24.4	17.7	19.2	20.8	19.2	58	56	80	65
3	29.4	30.3	27.2	29.0	25.1	25.3	24.6	20.1	19.8	20.6	20.2	65	61	77	68
4	29.2	30.7	27.4	29.1	24.7	25.8	25.2	19.5	20.6	21.8	20.6	64	62	80	68
5	28.0	30.8	26.7	28.5	24.3	25.2	24.2	19.4	19.3	20.4	19.7	69	57	78	68
6	28.7	29.8	26.8	28.4	24.3	22.3	21.9	18.6	14.7	15.9	16.4	64	47	60	57
7	28.5	30.7	26.2	28.5	20.7	21.8	21.1	13.1	13.7	15.0	13.9	46	41	58	48
8	28.6	29.6	26.7	28.3	21.7	21.4	20.7	14.6	13.7	14.0	14.1	49	44	54	49
9	28.7	30.6	25.7	28.3	22.4	23.3	21.8	15.6	16.0	16.5	16.0	53	49	67	56
10	28.7	30.6	26.3	28.5	21.6	22.3	21.3	14.4	14.5	15.2	14.7	49	44	59	51
11	29.2	29.4	26.7	28.4	23.1	23.6	22.4	16.4	17.1	16.9	16.8	55	56	65	59
12	28.4	30.8	26.1	28.4	22.7	22.2	22.3	16.1	14.2	17.1	15.8	55	42	68	55
13	27.8	29.6	26.4	27.9	22.8	23.4	22.1	16.8	16.9	16.5	16.7	60	55	64	60
14	27.7	27.2	25.9	26.9	22.5	24.0	22.1	16.4	19.5	17.8	17.9	60	74	72	69
15	26.9	27.3	25.6	26.6	22.2	22.3	21.8	16.2	16.3	16.5	16.3	61	60	68	63
16	26.8	29.3	24.7	26.9	20.3	22.2	20.8	13.4	15.0	15.5	14.6	51	50	67	56
17	27.6	29.5	25.0	27.4	23.2	24.6	23.1	17.6	19.0	19.3	18.6	65	61	82	69
18	26.9	30.2	26.3	27.8	23.7	24.8	23.7	19.1	19.0	19.6	19.2	72	59	77	69
19	27.5	30.2	26.6	28.1	24.6	25.2	23.8	20.4	19.6	19.4	19.8	75	61	76	71
20	27.8	30.2	25.9	28.0	24.5	25.3	22.6	20.0	19.8	17.8	19.2	72	62	72	69
21	27.5	30.1	25.6	27.7	24.7	25.1	23.8	20.6	19.5	20.4	20.2	76	61	83	73
22	27.4	29.8	25.6	27.6	23.8	24.5	22.8	19.0	18.6	18.4	18.7	71	59	75	68
23	27.4	29.7	24.4	27.2	22.1	22.4	20.6	15.9	15.0	15.3	15.4	58	48	67	58
24	26.9	29.5	25.8	27.4	23.0	24.3	22.3	17.0	18.4	17.2	17.5	67	60	69	65
25	27.2	30.1	24.8	27.4	22.9	24.2	23.1	17.5	17.8	19.4	18.2	65	57	82	68
26	27.4	30.0	26.2	27.9	23.8	25.3	23.9	19.0	20.0	20.4	19.8	70	63	80	71
27	28.3	30.9	26.8	28.7	23.6	26.4	23.8	18.0	21.2	19.3	19.5	62	64	73	66
28	28.2	29.8	25.8	27.9	23.1	23.7	22.1	17.2	17.2	16.8	17.1	60	55	68	61
29	27.8	30.1	25.1	27.7	23.6	24.1	22.4	17.3	17.6	18.0	17.6	62	56	75	64
30	27.0	29.4	25.9	27.4	22.9	24.7	23.7	17.6	19.4	20.0	19.0	66	63	80	70
31	28.01	29.98	26.07	28.01	23.19	23.97	22.74	17.42	17.68	18.02	17.70	62.0	56.0	71.6	63.2

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

SEPTEMBER 1928
METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	4str. ni	1str. cu	4str. cu	3.0	2s	2	1s	283.3	mod.	tr. rain
2	1	2	4str. cu	2.3	1s	2	0	142.9	light	
3	3str. cu	1	0	1.3	1e	2s	3n	164.9	mod.	haze in a.m.
4	1	1	0	0.7	3n	3n	1nw	424.0	light	
5	0	0	0	0.0	0	1w	0	218.0	mod.	
6	0	1	0	0.3	1s	4nw	3n	142.0	light	
7	0	0	0	0.0	1	1	1n	174.3	"	haze d. day.
8	0	0	0	0.0	0	2nw	1n	121.7	"	
9	0	1	0	0.3	0	1nw	0	231.2	"	
10	1	1	4str. ni	2.0	1s	2	0	133.6	"	
11	1	4str. cu	1str	2.0	0	3	0	190.2	"	gen. br. a.m.
12	1	1str.	0	0.7	1s	2s	0	144.8	"	
13	1str. cu	8str. ni	0	3.0	1s	2	0	97.7	"	
14	0	0	0	0.0	1w	2nw	0	136.7	"	
15	3str. cu	8ni	2str. cu	3.3	1s	2s	0	161.5	"	tr. rain d. d.
16	6str. cu	1	0	2.3	1s	2	0	109.4	"	
17	1	1str. cu	0	0.7	1s	1w	0	176.7	"	
18	0	0	0	0.0	0	1w	1e	114.3	"	haze in a.m.
19	0	0	0	0.0	0	1nw	0	177.2	"	haze in a.m.
20	1	2str. cu	0	1.0	1	1w	0	90.1	calm	
21	3ci. str.	2str.	1str.	2.0	1w	2s	0	87.5	"	
22	1str. cu	3str. cu	0	1.3	1	2	0	137.6	light	
23	3str. cu	1str.	1str.	1.7	2s	2	0	173.7	"	
24	1	2str. cu	6str. cu	3.0	1	1s	0	209.2	mod.	
25	1	1	0	0.7	1s	2s	0	114.1	light	
26	1	0	0	0.3	0	0	0	71.0	calm	haze in a m.
27	0	0	0	0.0	1	3	1s	193.3	light	
28	4str. ni	1	6str. ni	3.7	3s	3s	0	275.4	mod.	
29	1	0	1str.	0.7	1	1	0	118.2	light	
30	4 ci.	2str. cu	0	2.0	0	1nw	0	184.2	"	
31				1.28				166.62		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	0	1	0	12	6	2	0	8
2:30	1	0	0	0	7	11	4	6	1
8:30	4	0	1	0	2	0	1	0	22
Totals	6	0	2	0	21	17	7	6	31

N. B. — Cloud numbers without letters are all cu.
Wind " " " " " SW